

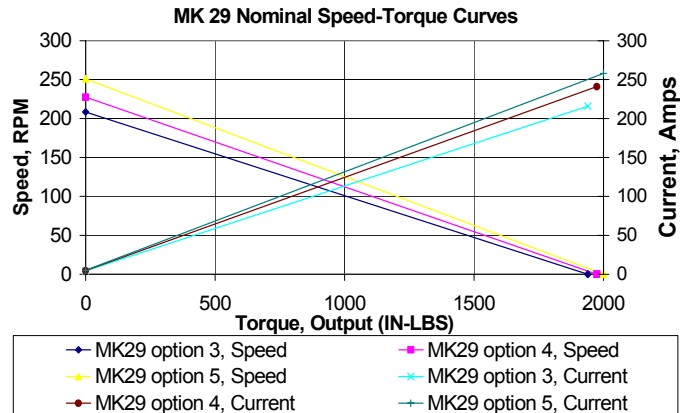
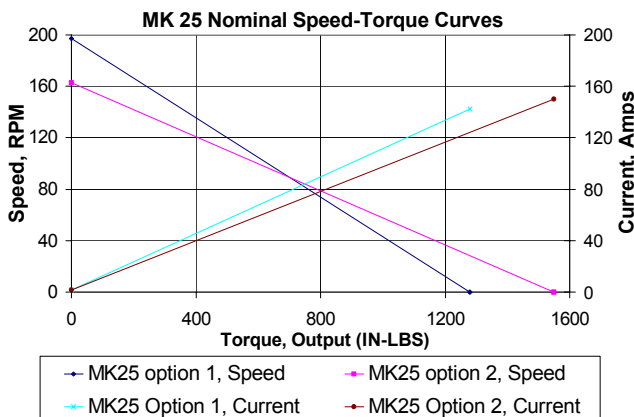
# ASI Technologies, Inc.

## MK 15/20 SERIES GEAR DRIVE SYSTEMS



The ASI MK 15/20 series transaxle combines the low cost of a single piece casting, which improves accuracy of gear center distance, with high performance and motor flexibility. Motors from 3.2 inch (82 mm) to 4.0 inch (100 mm) diameter are compatible, and ratios from 14:1 to 19.6:1 are available. Systems include motor, electro-magnetic brake, harnessing, connectors, gear reduction and differential in one easy-to-install package. Detailed on this sheet are standard units. Other motors, voltages and ratios are available. Axle configurations are made to order, including hubs, if required. Please contact the factory for more information.

Unit type		MK25	MK25	MK29	MK29	MK29
Option		1	2	3	4	5
Voltage		24	24	24	24	24
No Load Speed, RPM		163	197	215	235	260
Maximum continuous operating point (Motor Limited)						
Torque	In-Lbs. [Nm]	110 [12.4]	90 [10.2]	113 [12.8]	103 [11.6]	93 [10.5]
Speed	RPM	155	188	200	220	245
Current	Amps	12	12	16	17	17



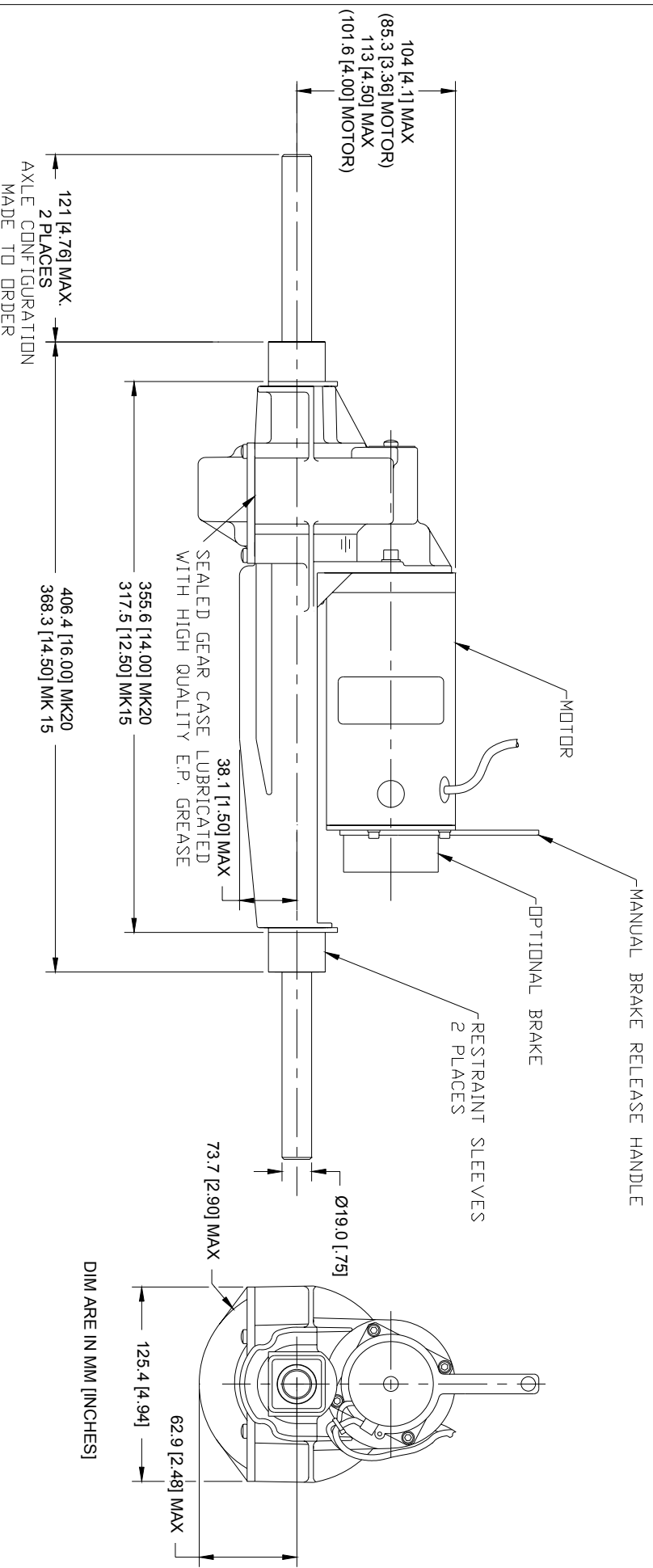
Due to constant improvement, specifications subject to change without notice.



**ASI Technologies**  
www.asidrives.com

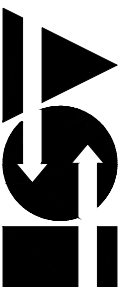
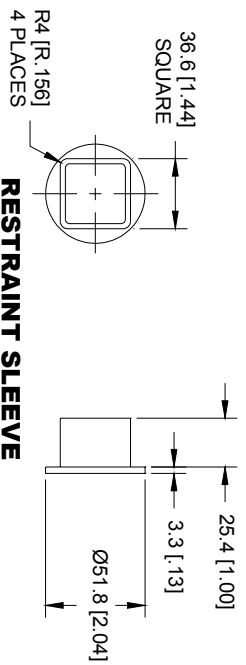
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# MK 15/20 SERIES GEAR DRIVE SYSTEM



## NOTES

1. PREFERRED MOUNTING IS WITH MOTOR ON RIGHT SIDE LOOKING FORWARD.
2. MAX. ALLOWABLE GROSS VEHICLE WEIGHT IS DEPENDENT ON SPEED, CONSULT FACTORY.
3. HOUSING MATERIAL IS DIE CAST ALUMINUM; AXLES ARE STEEL ALLOY.
4. WEIGHT OF TRANSAXLE IS 9.30 KG (20.5 LBS) WITH MOTOR AND BRAKE.
5. THIS GEARBOX IS SEALED AND LUBRICATED FOR LIFE. NO MAINTENANCE IS REQUIRED.
6. ESTIMATED GEARBOX EFFICIENCY GREATER THAN 95%
7. THE SUITABILITY OF THIS TRANSAXLE FOR A SPECIFIC APPLICATION IS THE RESPONSIBILITY OF THE PURCHASER.
8. EXCESSIVE ACCEL AND DECEL CAN ADVERSELY EFFECT THE LIFE AND INTEGRITY OF THE UNIT.



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**GEAR DRIVE SYSTEMS**

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